

FDN-2671

COLD BOND ADHESIVE

Abstract

An adhesive composition which requires no applied heat to effect curing and which produces a strong bond between a polymeric capping membrane suitably employed in roofing or siding and a roofing or siding base or substrate which composition essentially comprises a homogeneous 60 to 75% solids mixture of

- (a) between about 0.5 and about 15 wt.% of a thermosetting styrene/isoprene/styrene block polymer containing up to 90% styrene;
- (b) between about 13 and about 30 wt.% aromatic hydrocarbon solvent containing from about 5 to about 20 wt.% aliphatic hydrocarbon;
- (c) between about 20 and about 70 wt.% non-blown asphalt optionally containing a minor amount of blown asphalt;
- (d) between about 1 and about 10 wt.% metal silicate and
- (e) between about 0.1 and about 5 wt.% of a C₆ to C₁₆ alkoxyalkyl amine substituted ester of a C₂ to C₁₂ carboxylic acid as a surfactant.

The invention also relates to the method of preparing and using the above adhesive composition.

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